Technological Innovations for the VIC 20[®] and Commodore 64[®]

Designed by RAK-Ware



UNIVERSAL TAPE INTERFACE

No need to purchase an expensive data recorder for your VIC 20th or Commodore 64^{cm}. The Tymac Universal Tape Interface and Duplicator will allow you to load, save and even duplicate* your programs and data cassettes with virtually any portable home tape recorder. To insure positive LOADS and SAVES, a special audio enhancement circuit is provided in the interface. Three LED indicators monitor the status at all times and provide a visual indication of loads and saves. A parity switch will also insure that all types of data tapes can be successfully loaded. Operator controlled action of the recorder is another desirable feature. Finally, you can easily make back-up tapes without the need of loading your software back into the computer. A unique switch function will allow you to make direct recordings to another tape recorder. A great duplication device for the user who may want to start a software business at home. The TYMAC UNIVERSAL TAPE INTERFACE AND DUPLICATOR is way ahead of the competitors in features and quality.

ALL THIS FOR ONLY.....\$49.00

*NOTE: Duplication requires the use of Two Standard tape recorders.

DISTRIBUTING INC. 1342 B Rt. 23, Butler, NJ 07405 201-838-9027



Dealer and Distributor Inquiries Invited

EXPAND-O-RAM

VIC20

EXPAND-0-RAM is truly a multifunction memory expansion board that provides 2 switch selectable slots to double the capacity of your computer. In addition to these important features, a RESET button has been provided to allow you to regain control of a "hung" or unstoppable program. A bank of mini-switches control memory addressing on the board so that you can use EXPAND-0-RAM as a useful tool for cartridge development and debugging. A write protect function is even provided so that you can simulate a ROM environment or investigate a previously programmed ROM Cartridge Pack. A quick summary of the features are as follows:

- A) 16K of additional Memory.
- B) Compatability with additional Memory & Games Cartridges.
- C) Two Additional Switch Selectable Slots.
- D) Reset Switch for warm starts.
- E) Slide Switch for easy selection of Cartridges or memory packs.
- F) Switch selectable Memory Map selections of the 16K memory.
- G) Use as a Program and Cartridge development tool.
- H) Write protection of memory area for cartridge simulation and investigation.

ALL THIS FOR ONLY \$119.00



NOTE: We solicit hardware and software items for the VIC 20° and CBM 64° Royalties, license fees, or outright purchases can be negotiated. CBM 64° & VIC 20° are Registered Trademarks of Commodore Business Machines Inc.